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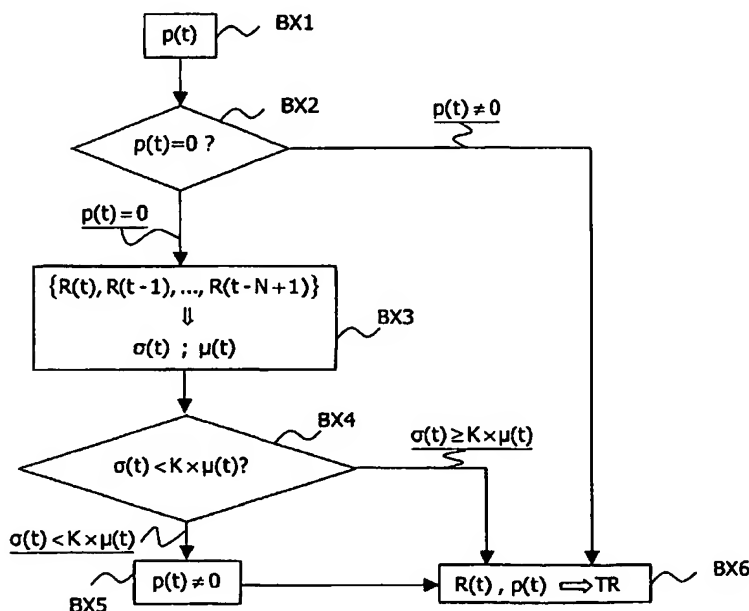
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(54) Title: **RATE CONTROL PROTOCOL FOR LONG THIN TRANSMISSION CHANNELS**



(57) Abstract: The invention deals with rate control protocols having a probing phase during which the sending rate of the transmitter is repeatedly increased until a loss is reported by the receiver. Such probing phases are used by the transmitter to quickly increase its sending rate to a fair share of the transmission channel bandwidth. According to the invention, a fake loss is generated by the receiver when the sending rate has risen to the current capacity of the transmission channel so as to force the transmitter to terminate the probing. Application: wireless Internet access to audio-video streaming services.